



| С | | # of <i>Ar</i> /- male | # of Ar+/- female |
|---|--|------------------------|-------------------|
| | Zp3-Cas9 transgenic mouse embryo injected with Ar sgRNAs | 15 | 8 |
| | C57BL/6J mouse embryo injected with Cas9 mRNA and Ar sgRNAs | 9 | 4 |

S1 Fig. Sex identification using PCR with a set of primers for Sry gene. A, PCR products from C57BL/6J mouse injected with Cas9 mRNA and Ar sgRNAs. B, PCR products from Zp3-Cas9 mouse injected with Ar sgRNAs. Asterisk marks the mutant founder mice. C, knock out efficiency between two genders.